

Abstract

The invention proposes arrangements and methods which provide a simple means of enabling applications based on Internet Protocol Version 4 to access new transport services and security services provided in Internet Protocol Version 6 or IPsec as well. To do this, the invention provides a mapping unit (106, 124) which is used to map data existing (114) in a first protocol format onto data which can be processed by a second network layer (107). The second network layer (107) codes the data (116) supplied to the second network layer (107) by the mapping unit (106) such that a second Internet Protocol format, e.g. IPv6, IPsec, is implemented.